

FARM COMPUTER USAGE AND OWNERSHIP

for the complete report see <http://usda.mannlib.cornell.edu/usda/reports/nassr/other/computer/>

U.S. FARMS WITH INTERNET ACCESS MORE THAN DOUBLES

A total of 29 percent of U.S. Farms now have Internet access, compared to 13 percent with Internet access in 1997. A total of 47 percent of farms with access to a computer in 1999, compared to the 1997 level of 38 percent. Forty percent of all U.S. farms own or lease a computer, up from 31 percent in 1997. Farms using computers for their farm business increased from 20 percent in 1997 to 24 percent in 1999.

In 1999, 77 percent of U.S. farms with sales of \$250,000 and more have access to a computer; 72 percent own or lease a computer; 65 percent are using a computer for their farm business; and 52 percent have Internet access. For farms with sales of \$249,999 or

less; 45 percent have access to a computer; 37 percent own or lease a computer; 21 percent use a computer for their farm business; and 27 percent have Internet access.

Survey Procedures: The June Agricultural Survey is conducted every year to provide estimates of crop acres planted, grain in storage, livestock inventories, and land values. In 1997 and 1999, questions were added to the survey form that asked the operator about access and use of computers. The 1999 computer usage estimates are based on responses from nearly 33,000 agricultural operations and represent all sizes and types of farms. Coefficients of Variations (CVs) at the national level in 1999 were 1 percent or less and at the regional level, CVs ranged from 1 to 5 percent.

Farm Computer Usage: Access, Ownership, and Use by State and United States, 1997 and 1999

State	Number of Farms	Percent of Farms							
		With Computer Access		That Owned or Leased Computers		Using Computers for Farm Business		With Internet Access	
		1997	1999	1997	1999	1997	1999	1997	1999
	Number				Percent				
AL	49,000	25	47	21	37	13	24	9	28
AZ	7,900	46	80	42	75	35	39	16	44
AR	49,500	25	41	22	35	17	23	10	25
CA	89,000	51	61	47	55	30	40	23	46
CO	29,500	47	64	43	59	31	42	16	37
DE	2,700	45	60	44	48	21	38	18	30
FL	45,000	41	45	35	39	24	27	19	34
GA	50,000	25	33	23	29	12	18	11	20
ID	24,500	48	75	36	59	21	34	12	41
IL	79,000	45	51	36	46	27	32	17	30
IN	66,000	37	46	29	41	16	22	10	25
IA	97,000	46	51	37	45	25	32	12	30
KS	65,000	36	52	31	46	21	26	11	27
KY	90,000	23	25	18	20	9	11	8	14
LA	30,000	26	35	21	32	14	20	4	21
MD	12,500	46	51	43	45	27	28	25	31
MI	52,000	47	59	38	51	20	25	17	28
MN	80,000	43	49	32	40	22	26	11	27
MS	42,000	22	30	15	24	9	11	4	18
MO	110,000	33	39	27	34	16	19	10	19
MT	27,500	54	65	41	52	33	36	15	38
NE	55,000	45	49	38	44	29	31	14	26
NV	3,000	37	55	33	48	13	31	5	29
New Eng ^{1/}	27,550	35	57	31	46	22	31	11	43
NJ	9,600	53	69	40	56	22	35	31	53
NM	16,000	47	61	39	54	27	36	14	42
NY	38,000	42	50	33	40	19	25	14	30
NC	58,000	30	42	24	36	13	20	10	30
ND	31,000	44	53	34	47	28	35	11	32
OH	80,000	41	58	30	49	18	25	14	35
OK	83,000	31	45	26	33	15	17	9	28
OR	39,500	61	65	52	55	30	31	22	29
PA	60,000	34	43	25	34	14	20	13	26
SC	25,000	25	30	20	27	11	12	9	17
SD	32,500	43	50	30	39	24	31	13	29
TN	91,000	24	35	17	28	7	13	8	24
TX	226,000	41	48	32	39	21	23	18	31
UT	15,000	65	70	52	61	31	36	29	45
VA	49,000	26	42	20	28	10	12	8	24
WA	40,000	58	61	50	52	35	39	20	50
WV	21,000	30	35	22	27	9	11	13	19
WI	78,000	36	50	29	40	19	24	9	33
WY	9,200	56	65	45	48	35	38	11	30
US ^{2/}	2,185,450	38	47	31	40	20	24	13	29

1/ Includes CT, ME, MA, NH, RI, and VT. 2/ Excludes AK and HI.



**Farm Computer Usage: Access, Ownership, and Use by Value of Sales,
Type of Farm ^{1/}, Region, and United States, 1997 and 1999**

REGION	Farms							
	With Computer Access		That Owned or Lease Computers		Using Computers for Farm Business		With Internet Access	
	1997	1999	1997	1999	1997	1999	1997	1999
	Percent							
Northeast ^{2/}	38	50	30	40	18	25	14	33
\$1,000-9,999	38	50	27	40	11	16	14	33
\$10,000-99,999	31	45	27	33	19	32	11	29
\$100,000 & Over	48	61	43	54	38	47	21	41
Crop Farms	43	55	36	45	21	28	17	36
Livestock Farms	34	46	25	36	15	22	12	31
North Central ^{3/}	41	49	32	42	22	26	12	28
\$1,000-9,999	36	43	26	36	11	13	12	25
\$10,000-99,999	34	45	26	38	19	25	10	24
\$100,000 & Over	61	69	53	62	45	52	17	39
Crop Farms	43	50	35	43	24	27	13	29
Livestock Farms	39	48	29	42	20	25	11	26
South ^{4/}	31	40	24	32	15	18	12	25
\$1,000-9,999	27	35	20	28	9	12	11	22
\$10,000-99,999	32	42	25	35	18	22	12	28
\$100,000 & Over	56	64	50	56	44	49	21	42
Crop Farms	31	34	25	28	17	18	12	21
Livestock Farms	31	43	24	34	14	18	12	27
West ^{5/}	53	64	46	55	30	37	19	41
\$1,000-9,999	47	60	39	49	17	24	16	36
\$10,000-99,999	53	60	47	52	34	40	18	37
\$100,000 & Over	70	80	66	77	62	69	30	59
Crop Farms	60	62	53	54	38	39	23	44
Livestock Farms	47	66	39	56	22	35	16	37
US ^{6/}	38	47	31	40	20	24	13	29
\$1,000-9,999	32	42	25	34	11	14	12	25
\$10,000-99,999	36	46	29	38	20	26	12	27
\$100,000 & Over	60	68	54	62	47	53	20	43
Crop Farms	41	47	34	40	24	25	14	29
Livestock Farms	36	47	28	39	17	23	12	28

^{1/} Crop and livestock farms are based on 1992 Census of Agriculture percentages by farm type.

^{2/} Includes CT, ME, MA, NH, NJ, NY, PA, RI, and VT.

^{3/} Includes IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, and WI.

^{4/} Includes AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV.

^{5/} Includes AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, and WY.

^{6/} Excludes AK and HI.